

Rhenogran® Resorcin-80

Predispersed rubber chemicals and additives

Function

In direct bonding compounds, e.g. for the bonding system resorcinol/formaldehyde/silica

Product description

Composition:	80 % resorcinol 20 % elastomeric binder and dispersing agents
Appearance:	off-white to brown granules (color may vary due to raw materials)
Density, 20°C:	approx. 1.2 g/cm ³
Physiological properties:	see safety data sheet

Use

Mode of action:	Rhenogran Resorcin-80 is one component of the bonding system resorcinol/formaldehyde/silica. In combination with a formaldehyde donor (e.g. Rhenogran Hexa-80 or Cohedur A 250) the resorcinol formaldehyde resin, responsible for the bonding of rubber to textile and steelcords, is formed during the curing process. This system is suitable for bonding all types of rubber to reinforcing materials, e.g. fabrics, glass fibres, and steel cord.
Processing:	The predispersion of Resorcin in an elastomeric binder allows a quick absorption and excellent dispersion in rubber. In this way, optimal activity of the resorcinol is assured.
Dosage:	3-4 phr
Application:	Tires and technical rubber goods, e.g. conveyor belts, raw-edge V-belts, round belts, fire hose, other reinforced hoses, flexible containers, fabric proofings

Packaging

20 kg paper bag on 1000 kg skid

Storage stability

In original closed containers under cool and dry conditions 730 days from date of production

Handling

For additional handling information on Rhenogran Resorcin-80 please consult current safety data sheet.

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